

Murrow, Patricia

From: Murrow, Patricia
Sent: Wednesday, August 14, 2019 4:04 PM
To: Vannucci, Richard; Matt Thelen
Cc: 'Mick Leat (mick.leat@dnr.iowa.gov)'
Subject: RE: Fall 2019 Wellman MW Sampling and Analyses
Attachments: 2019 FALL WELLMAN MW SAP.XLSX

Matt and Rich,

I received Rich's email below. I specifically reviewed the 2019 Fall Wellman MW SAP file included with his email, and attached here.

The wells to be monitored, "purple highlight," and the constituents to be analyzed for in the sample from the applicable wells, "x's," are in accordance with the EPA's letter to WDC dated June 27, 2019.

Thank you.

Pat

Patricia Murrow
US Environmental Protection Agency, Region 7
11201 Renner Boulevard
Lenexa, KS 66219
(913) 551-7627 (office).
Murrow.patricia@epa.gov

From: Vannucci, Richard <rvannucci@penn-er.com>
Sent: Monday, August 12, 2019 2:55 PM
To: Randy Gavin (oatech@netins.net) <oatech@netins.net>; Shirley Thompson (shirley.thompson@testamericainc.com) <shirley.thompson@testamericainc.com>
Cc: Michael B. Leat (mick.leat@dnr.iowa.gov) <mick.leat@dnr.iowa.gov>; Murrow, Patricia <Murrow.Patricia@epa.gov>; Matt Thelen (matt.thelen@wellmandynamics.com) <matt.thelen@wellmandynamics.com>; Mark Steger (MSteger@ClarkHill.com) <MSteger@ClarkHill.com>; Colarusso, Cody <CColarusso@penn-er.com>; Tourdot, David <dtourdot@penn-er.com>
Subject: Fall 2019 Wellman MW Sampling and Analyses

Randy/Shirley:

The Fall 2019 sampling event will cover the IDNR Landfill Permit, RCRA and IDPH requirements.
The RCRA sampling is for ongoing additional information, not part of the RFI.

Please see the attached matrix 2019 FALL WELLMAN MW SAP for sampling requirements.
We tried to make it as clear as possible.

Mick/Pat: If you notice any issues regarding the program, please reply all so we can address ASAP.

As with the spring 2019 event, you will follow the SAP/QAPP from the RCRA project.
This is because the RCRA sampling protocols have been adopted in the IDNR Landfill Permit and the data generated under the IDNR program may be used in the RCRA work in the future.
I have attached the additional documents you need to review.
Please review the documents again and contact me with any questions.

RCRA



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Things to remember:

1. low flow and no purge ok - follow your protocols
2. Test America Cedar Falls is the lab – **Shirley please follow attached Table 3; we need to hit the PQLs and MDLs you specified previously**
3. I have included applicable Test America QAPP on record with USPEA.
4. contain purge water in 55 gallon drums for sampling and analyses and disposal - Matt will need to find place to store, preferably with secondary containment
5. follow labeling protocols
6. follow QC sampling per attached Table 5;
7. need records of field equipment calibration and identification serial numbers, calibrate start each day
8. HAZWOPER 8 hour refresher up to date for field staff
9. Review Health and Safety Site Plan before field work
10. Tailgate safety meetings before field work with all PPE required
11. Pay particular attention to the Appendix D Standard Field Procedures for specifics on groundwater sampling.
12. **Randy please advise on substitution of well recharge versus slug testing. This is due this year for sampled wells. I plan on submitting variance request in near future to Mick.**

Again if you have any questions, please reply all and we can track resolution for future reference.

Thanks
Rich



Richard F. Vannucci, Jr., P.E. | Chief Engineer
Penn E&R, Inc. | 111 Ryan Court | Pittsburgh, PA 15205
☎ Cell: 412-225-1272 | ☎ Office: 412-722-1222 | ☎ Fax: 412-722-1244
✉ e-mail: rvannucci@penn-er.com | 🌐 www.penn-er.com

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Penn E&R - August 2019

+ IDNR HMSP Landfill Well/SW; # USEPA Well; * IDNR Requirement for HMSP Well/SW; ** IDNR and USEPA Requirement for HMSP Well; *** IDPH Requirement

[illegible]